

CALIFORNIA ENERGY COMMISSION

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Notice of Report Availability

LOCALIZED HEALTH IMPACTS REPORT

Selected Projects Awarded Funding Through the Alternative and Renewable Fuel and Vehicle Technology Program Under Solicitation PON-13-607 Publication CEC-600-2014-007

Assembly Bill 118 (Núñez, Chapter 750, Statutes of 2007), created the Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP). The statute authorizes the California Energy Commission to develop and deploy alternative and renewable fuels and advanced transportation technologies to help attain the state's climate change policies. AB 8 (Perea, Chapter 401, Statutes of 2013) re-authorizes the ARFVTP through January 1, 2024, and specifies that the Energy Commission allocate up to \$20 million per year (or up to 20 percent of each fiscal year's funds) in funding for hydrogen station development until at least 100 stations are operational.

The statute also directs the California Air Resources Board to develop guidelines that apply to the program to ensure the programs complement efforts to improve air quality. The Air Quality Guidelines were approved in 2008. California Code of Regulations, Title 13, Chapter 8.1, Section 2343(c)(6) contains the requirement for the Energy Commission, being the funding agency, to analyze the localized health impacts, consider environmental justice issues of projects funded by the program that require a permit, and publish a staff report for public review and comment at least 30 calendar days before approval of projects. The report was publicly available on June 19, 2014.

This report reviews the projects submitted under the Hydrogen Refueling Infrastructure grant solicitation PON-13-607, and proposed for funding under the Alternative and Renewable Fuel and Vehicle Technology Program. The report includes a description of the projects, criteria emissions data for the fuels associated with the projects, demographic data for the areas where the projects will be located, and an analysis of the impacts of these projects in communities with the most significant exposure to air contaminants or localized air contaminants.

The specific projects analyzed in this report are:

Mobile Refueler

- Gas Technology Institute (GTI), GTI Mobile Hydrogen Fueler

Stations

- Air Liquide US LP, Air Liquide Northern California Hydrogen Fueling

- First Element Fuel, Inc., Hydrogen Refueling Stations in Northern California, Hydrogen Refueling Stations in Southern California, and a connector station
- Hydrogen Technology & Energy Corporation (HTEC), Four Corners Hydrogen Energy Center
- HyGen Industries, LLC, 100% Renewable & Sustainable Carbon-Free Hydrogen Fueling Station Network
- ITM Power Inc., City of Riverside Hydrogen Filling Station
- Linde, LLC, Bishop Ranch Hydrogen Fueling Station and Oakland Airport Hydrogen Fueling Station
- Ontario CNG Station Inc., Ontario Stratos Fuel Hydrogen Station

This report is available on the Energy Commission's website at:

www.energy.ca.gov/2014publications/CEC-600-2014-007/CEC-600-2014-007.pdf .

A print copy is available upon request made either in writing to the address below or by electronic mail to ab118@energy.ca.gov.

Written Comments

Written comments on this report must be submitted by 5 p.m. on July 19, 2014.

Please include the publication number CEC-600-2014-007 and indicate *Localized Health Impacts Report for Selected Projects Awarded Funding Through the Alternative and Renewable Fuel and Vehicle Technology Program Under Solicitation PON-13-607* in the subject line or first paragraph of your comments. The Energy Commission will consider comments received by the deadline.

The Energy Commission encourages comments by e-mail. Please include your name or organization's name in the name of the file. Send comments in either Microsoft® Word format (.doc) or in Adobe® Acrobat® format (.pdf) to ab118@energy.ca.gov.

If you prefer, you may send a paper copy of your comments to:

California Energy Commission
Fuels and Transportation Division, MS-44
Re: CEC-600-2014-007
1516 Ninth Street
Sacramento, CA 95814-5512

All written comments will become part of the public record and may be posted to the Internet.

News media should direct inquiries to the Media and Public Communications office at (916) 654-4989, or by e-mail at mediaoffice@energy.ca.gov.